

## TECHNICAL SPECIFICATIONS OF WALL TILES \*

QUALITY PARAMETERS	Values as per IS. 15622 / 2006, EN 159 GROUP B III ISO 13006	REGENCY STANDARD
Deviation in Length and Width	± 0.2%	± 0.2%
Deviation in Thickness (mm)	± 0.4mm	± 0.3mm
Edge Straightness	± 0.15%	± 0.15%
Squareness	± 0.15%	± 0.15%
Surface Flatness	± 0.22%	± 0.22%
Surface Quality	Min 95% free from visible defects	Min 95% free from visible defects
Water Absorption	10-20%	10-20%
MOHs Hardness	Min 3	Min 4
Modulus of Rupture	>15 N/mm <sup>2</sup>	>18N/mm <sup>2</sup>
Linear Thermal Expansion from Ambient Temperature to 100°C (K <sup>-1</sup> )	Max.9x10 <sup>-6</sup>	Max.8x10 <sup>-6</sup>
Thermal Shock Resistance	Required	Resistant up to 10 Cycles
Stain Resistance	Min. Class-I	Min. Class-I
Chemical Resistance	Required if agreed	Resistant to all Acids and Alkalies (except Hydrofluoric Acid and its compounds)
Crazing Resistance	Min.4 Cycles@7.5 Bar	Min.4 Cycles@7.5 Bar

\* Applicable to First Quality Tiles only